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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/664,071 | 09/18/2000 | Nobuhisa Yoda | 016907/1140 | 3914 |

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FOLEY AND LARDNER
SUITE 500
3000 K STREET NW
WASHINGTON, DC 20007

EXAMINER

GRANT II, JEROME

| | |
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| ART UNIT | PAPER NUMBER |
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2626

DATE MAILED: 05/20/2004

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Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/664,071

Applicant(s)

YODA ET AL.

Examiner

Jerome Grant II

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1 and 9 is/are rejected.
- 7) ☒ Claim(s) 2-8 and 10 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. ____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

JEROME GRANT II
PRIMARY EXAMINER

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date ____.
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: ____.

Detailed Action

1.

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1 is rejected under 35 U.S.C. 103(a) as being unpatentable over Katsumata.

With respect to claim 1, Katsumata teaches an input device comprising: an image reading section (30 or 621A) for reading images on each document (see col. 26, lines 26-29 and 51-55; a character recognition section (process blocks 16-18 or 621B, for subjecting, to character recognition processing, the images ready by the image reading section; see also col. 29, lines 45-50; a display section for displaying various types of instruction buttons (see col. 30, lines 21-27, see also col. 63, lines 35-39); a management section (confirmation and modification processing) for managing set contents corresponding to each of the instruction buttons, see col. 30, lines 28-36.

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Katsumata further teaches the set contents including a destination of registration (referred to as "confirming process, see col. 30, line 21) of the images read by the image reading section, and contents of processing executed on the images by the character recognition section; and a control section (CPU in 39sv) or computer mainframe 629 found at the bottom of col. 63, when one of the instruction buttons has been designated, on the basis of the set contents corresponding to said one of the instruction buttons (keypad 631), according to col. 63, line 43 and col. 64, line 7 and managed by management section, the control section 629 controlling the image reading section (according to col. 64, line 3) so as to read the images, controlling the character recognition section (col. 64, line 4) so as to execute character recognition processing on the read images, and simultaneously registering the read images and a result of character recognition processing executed on the read images (the execution thereof being the display of the result on display section 624.)

What is not shown is the simultaneous registration reference suggests registration in series since scanning or OCR data is registered by a simultaneous arrangement.

The examiner submits that it would have been obvious to one of ordinary skill in the art to modify the circuits of figures 1 and 2, for example, for the purpose of registering OCR and scan data in series. The simultaneous arrangement would have been obvious to one of ordinary skill in the art to store results of the scan and then compute the OCR data. Thus OCR and Scan data once obtained could then be simultaneously clocked and stored in memory thus yielding their respective results.

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2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 9 is rejected under 35 U.S.C. 103(a) as being unpatentable over Katsumata in view of Miura

Katsumata teaches all of the claimed subject matter upon which this claim depends. See the rejection to claim 1 above.

What Katsumata fails to show is printing registered images and data that has been recognized by an OCR

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Miura teaches a color printer 3 shown in figure 1 for printing color images that have been registered by scanner unit referred to by line 3 of the Constitution.

Furthermore, Miura teaches printing data which has been read by an OCR (step S130 referred to in the last four lines of the Constitution).

Since Katsumata and Miura are both directed to the art of inputting image data with both OCR and image read scanners, the purpose of using a printer to output both OCR and Scanner images would have been recognized by Katsumata as set forth by Miura.

It would have been obvious to one of ordinary skill in the art to modify the layout processes, illustrated in figures 1 and 2, so that after the layout process is performed data is actually layout on a print medium or that a printer is attached to the layout process so that data is then fed to a printer as suggested by Miura, where data is printed after a layout operation by circuit 2.

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3. Objected Claims

Claims 2-8 and 10 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 2 objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Claims 2 and 3 are objected to for the reason the second paragraph of the claim is not shown or suggested in claimed combination with the other recited limitations of the claim.

Claim 4 is objected for the same reason as claim 3.

Claim 5 is objected to for the reason the prior art does not teach or suggest in claimed combination the limitation found in the second full paragraph of the claim.

Claim 6 is objected to for the similar features also rejected to in claims 2, 3 and 5.

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Claim 7 is objected to as containing allowable subject matter. The allowable matter is the claimed features recited in the second paragraph of the claim.

Claim 8 is objected to as containing allowable subject matter for the reason the prior art does not teach or suggest in claimed combination the features described in the second full limitation of the claim.

Claim 10 is objected to as containing allowable subject matter which includes the control section controlling the image reading section so as to read the images and determine whether or not the read images have a data size greater than an allowable limit value, controlling the character recognition section so as to execute character recognition processing on the read images, registering only a result of character recognition processing executed on the read images, without registering the read images in a destination of registration corresponding to said one of the instruction buttons if the read images have a data size greater than the allowable limit value, the control section registering the result of character recognition processing executed on the read images, and simultaneously registering the read images in the destination of registration corresponding to said one of the instruction buttons if the read images does not have a data size greater than the allowable limit value.

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4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jerome Grant II whose telephone number is 703-305-4391. The examiner can normally be reached on Mon.-Fri. from 9:0 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly A Williams, can be reached on 703-305-4863. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

J. Grant II

JEROME GRANT II
PRIMARY EXAMINER